King COBRA
BY SCHLAGE®

SCHLAGE®

SMART AND BEAUTIFUL

KC5000 Series – Manually Programmable Access Control Systems

IR Security & Safety
Proven Source. Proven Solutions.™

King COBRA BY SCHLAGE®

SMART AND BEAUTIFUL.

Security – The Basics

Every time a mechanical key is lost or stolen, or an employee leaves the company, that facility is vulnerable until proper steps are taken to re-key the affected locks, rendering the lost key unusable. This requires the services of a locksmith and the re-keying effort can impact many openings, translating into high expenses. **Unfortunately it takes an event, such as a theft, for many to finally take action.**

The most sophisticated access control device is useless if the basics are not in place – a patented restricted key system that can control unauthorized key duplication like Schlage's Everest Restricted or Primus patented key ways. Once this is established it makes good financial sense to consider upgrading to electrified access solutions from IR Security & Safety. Today's electrified access control solutions offer many advantages over traditional mechanical keys or mechanical push button locks - **solutions that will save time, money and reduce risk.**

Electronic credentials and electrified access control locks empower owners and managers to maintain control of their facilities at a much lower cost. By providing each employee with their own unique iButton credential that cannot be duplicated and is easily replaced when lost or stolen, a high level of security and access control can be maintained and the mechanical key integrity remains in tact.

MANAGE THE INTELLIGENCE OF THE OPENING

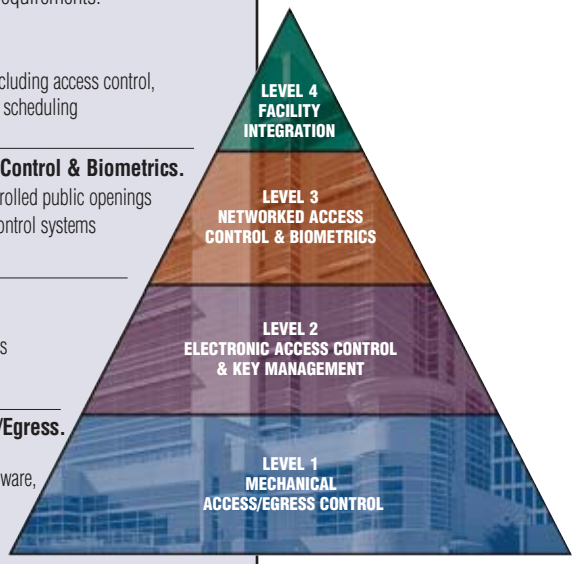
A multi-level approach to security and safety. We will evaluate your current security and safety systems and engineer solutions to match each opening's unique requirements.

Level 4 – Facility Integration.
- Management of assets and people
- Total integrated facility solutions including access control, time and attendance and personnel scheduling

Level 3 – Networked Access Control & Biometrics.
- Management of perimeter and controlled public openings
- Biometrics and electronic access control systems

Level 2 – Electronic Access Control & Key Management.
- Electronic key management systems
- Stand-alone electronic access controlled openings

Level 1 – Mechanical Access/Egress.
- The foundation of an opening — exterior & interior doors, door hardware, mechanical locks, keying systems and portable security



SCALABLE SECURITY SOLUTIONS THAT CAN GROW WITH YOUR NEEDS.

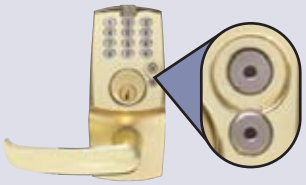
The Schlage King Cobra is an architecturally designed, manually programmable electronic access control lock. It is the next step towards migrating up the security pyramid from a Level 1 patented mechanical key foundation to Level 2 electronic access control. A descendent of the original Schlage Cobra, the King Cobra Series is smarter and just as beautiful, with an expanded scope of door and latch applications. Feature enhancements include a 12-button keypad, iButton credential reader, and a Schlage Everest Cylinder.

The Schlage King Cobra is a perfect security upgrade where mechanical keys are still being distributed to employees, or where mechanical pushbutton locks with single, shared, difficult to change code combinations are relied on to secure an opening. **Consider the many ways true key control and security can be easily compromised when relying on a mechanical locking product:**

- Keys are "borrowed" from a manager by an employee
- A non-patented key is given to an employee – can easily be copied and shared
- A patented or non-patented key is lost or stolen and locks are not changed or re-keyed
- The first time an access code is used without first checking to see who is watching
- An access code is shared with a friend
- An employee leaves the company and the access codes are not changed
- A single shared access code is not consistently changed
- A single shared access code is inscribed on the frame, next to the lock

With the Schlage King Cobra, the addition of an iButton credential puts the power in the hands of the owner or manager to choose between code only, iButton only, or a combination of code and iButton for maximum security. **It's not just what you know that gets you in the door, but what you have in your hand as well.**

12345		12345 +
Pin Code **Good**	iButton **Better**	Pin + iButton **Best**



Schlage King Cobra Features

The Schlage King Cobra Family of Programmable Locks offers a new standard in quality, security and electronic key control. With the addition of an iButton credential, security is increased by requiring more than just a code to gain access. The Schlage King Cobra is a smart way for owners and managers to increase security and limit the points of access where keyholders can get their keys duplicated.

- **12 Button Keypad**
- **120 Individual User Codes and Credentials**
- **iButton Credential Reader**
- **Schlage Everest™ Cylinder**

Other Features and Benefits:

- **Easy-to-Install** - Battery Powered means no wiring or power supplies. Provides up to 80,000 cycles or 3 years of power.
- **Flexible** – 2 levers designs and 5 finishes provide a wide variety of options to match most existing hardware
- **Tough** - Weather resistant design and Vandlgard™ clutching lever feature means it keeps working no matter what it runs into
- **Smart** – a variety of programming modes allow for special code functions such as a 1 time use, toggle mode or lockout
- **Adjustable** – can accommodate doors between 1 1/2" to 2 3/4" thick. Optional shims available for 1 3/8"
- **Retrofitable** – a variety of cover plates and wrap around options help to hide existing door preps
- **Upgradeable** – can be upgraded to Everest Primus high security key cylinder on select doors without a complete rekey.

Key Codes and iButtons

The Schalge King Cobra Family offers the unique benefit of an iButton credential in addition to a keypad for gaining access. The iButton credential elevates security by requiring a user to present what they have (a credential) and what they know (a code). Because iButtons are nearly impossible to duplicate, unauthorized access becomes a thing of the past. And, when an iButton is lost or stolen, it can be easily deleted from the lock and a new one re-issued. This avoids high costs related to re-keying all the doors in a facility to maintain proper security.

Vandlgard® Lever

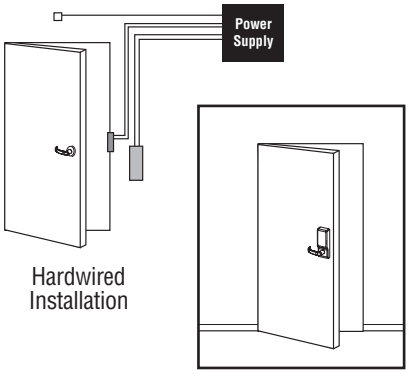
The Schlage King Cobra Family includes the Vandlgard clutching lever design. This feature minimizes the potential for damage to the lock when unauthorized entry is attempted.

Schlage Everest® Cylinder

The Schlage King Cobra Family features a Schlage Everest cylinder. This design provides a solid mechanical key solution where none previously exists in an opening, or allows for the King Cobra lock to integrate into an Everest master key system already in place throughout a facility making it a seamless solution in any environment. Schlage restricts the distribution of Everest keys to commercial locksmiths, which means that key holders cannot easily get their keys duplicated at a home center or mall kiosk. By limiting the available points of sale for key blanks, Everest limits the unauthorized duplication of keys. And, with the availability of Schlage's Everest Primus, you can upgrade sensitive areas of your Everest key system to a high-security Primus® key control system without completely rekeying your entire facility. King Cobra can also accomodate Schlage IC cores.

Easy-to-Install and Use:

Because the Schlage King Cobra Family of access control solutions are battery powered, the cost to install them is greatly reduced! **Programming is simple and does not require the use of software or programming devices.** King Cobra brings the power of basic access control to the masses.



Hardwired Installation

King Cobra Installation

Environmental Capabilities

All King Cobra models are designed to operate in the worst of conditions, from rain and snow to heat and cold. See specifications for details.

Rain Snow Cold Hot

Technical Information:

- **Individual Codes:** 120 individual users codes + credentials
- **Battery Life: Cycles:** 80,000 cycles or 3 years, 4 AA Batteries
- **Lever Mechanism:** VandIgard™ clutching mechanism. Levers operate independently.
- **Environmental Performance:** -20°F to +130°F, Weatherproof gasket included
- **Warranty:** 1 Year
- **Latch Types:** Cylindrical Latchbolt, Mortise Latchbolt, Mortise Autobolt
- **Lock Prep:**
  - **Cylindrical:** Standard ANSI 161 cylindrical prep for 1 3/4" doors. 1 1/2" to 2" field adjustable in 1/8" increments. 1 3/8" with shim kit.
  - **Mortise:** ANSI Standard Mortise Lock Prep with 2 3/4" nominal backset for 1 3/4" doors. Adjustable from 1 3/8" to 2 3/4" in 1/8" increments.
- **Cylinder:**
  - Solid brass 6 pin mortise cyilnder with a Schlage Everest C123 keyway keyed different with two 6 pin nickel silver keys. Accomodates most mortise cylinders with a compatible Schlage straight cam.
  - 1 1/8" mortise cylinder (1 1/4" with collar)
- **Handing:** Field Reversible levers
- **Screws:** High security spanner screws on inside escutcheon. No exposed screws on exterior escutcheon.

- **Programming Functions:**
  - **Supervised Use** (2-man rule) – requires two codes/credentials to gain access
  - **One-time use** – code is set up for one use, then it becomes invalid. Great for deliveries or service technicians.
  - **Freeze/Lock-out** – permanently locks keypad until lock-out code is re-entered. Keypad can still be used for programming
  - **Toggle mode** – unlocks the lock indefinitely (passage)
  - **Pass through mode** – allow access during lock-out mode
  - **Normal use (Default)** – Momentarily unlocks for relock delay
- **Mechanical Function:** Classroom/Storeroom function means you do not need a code or credential for egress
- **Chassis:** Patented heavy duty zinc die cast
- **Cylindrical Backset:** 2 3/4" standard (2 3/8" option available)
- **Cylindrical Latchbolt:** 1/2" Standard (3/4" option available)
- **Mortise Deadbolts** (where applicable)**:** Stainless Steel 1" throw, 1 5/8" high, 5/8" thick
- **EMI/RFI:** Not impacted
- **Buttons:** 12 buttons, stainless steel
- **Indicator Lights:** Red and Green. Indicates activation. System Status, Errors and Low Power
- **ANSI Standards:** In testing for BHMA Grade 1 A156.25

Lever Designs

06 Lever

17 Lever

3/4" Mortise Latchbolt | 1" Mortise Autobolt | 1/2" or 3/4" Cylindrical Latchbolt

Cylindrical Locksets

2 3/8" backset with 1/2" latchbolt
2 3/4" backset with 3/4" latchbolt

Mortise Locksets

- 3/4" mortise latchbolt
- 1" high security autobolt (1 3/4" door thickness standard. Also available for 1 3/8" to 2 3/4" door thickness in 1/8" increments)

Architectural Finishes

626
Satin Chrome (standard)

605
Bright Brass

612
Satin Bronze

613
Oil-Rubbed Bronze

625
Bright Chrome

IR Security & Safety
Proven Source. Proven Solutions.™

Applications

Schlage King Cobra is designed for use in a wide variety of facilities and applications:

Facility	Applications
Hospitals and Doctor's Offices	Examination Rooms, Storage Closets and Offices
Schools	Teacher's Lounges, Restrooms and Supply Closets
Universities	Common Areas, Lounges, Storage and Utility Rooms
Corporate Campuses	Supply Closets, Restrooms, R&D Areas
Office Buildings, Tenant Occupied	Offices, Mechanical Rooms
Multi-Family Environments	Common Areas, Storage Units, Garage Access, Main Entrance Vestibules
Small Businesses	Warehouses, Front and Back Door Entrances,
Retail Stores	Aluminum Store Front Doors, Employee Only Areas, Changing Rooms, Back Door Access

Cobra Family of Products

The King Cobra Family consists of locks for most types of doors. The Standard King Cobra model is available for a wide variety of institutional and commercial applications. The King Cobra for narrow stile doors is designed to work with a variety of narrow stile aluminum door latches, swing bolts and exit devices to control access. In addition, the original Cobra model provides convenient programming flexibility and allows 100 codes to be programmed at the keypad. **Smart and Beautiful. The Cobra family of products are attractive to all but the intruder.**

King Cobra

King Cobra Narrow Stile

Cobra

International Offices

Canada / Latin America

IR Security & Safety
1076 Lakeshore Road East
Mississauga, Ontario,
L5E 1E4, Canada
(905) 403-1800
(905) 278-1413 FAX
(877) 590-4734

North-East Asia

IR Security & Safety
23/F, 625 King's Road
Northpoint, Hong Kong
+(852) 2235-0600
+(852) 2565-1409 FAX

South-East Asia / Australia / NZ

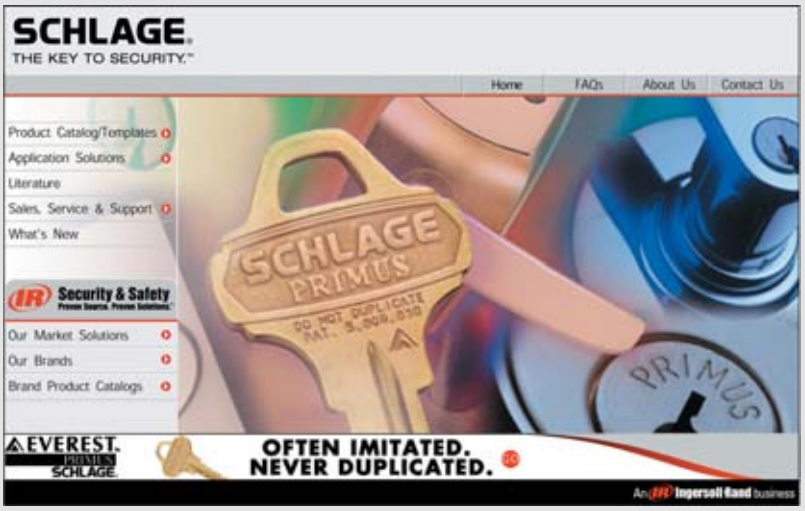
IR Architectural Hardware Ltd.
P.O. Box 19-347
437 Rosebank Road,
Avondale, Auckland, New Zealand
+64 (0) 9-829-0550
+64 (0) 9-829-0552 FAX
www.irarchitecturalhardware.co.nz

Mexico

IR Security & Safety
Blvd. Centro Industrial No. 11
Puentas de Vigag, Tlalnepantla
Estado de Mexico, 54070 Mexico
+525-5-8503-6614

Europe / Middle-East / Africa

IR Security & Safety Ltd.
Bescot Crescent
Walsall, West Midlands WS1 4DL
United Kingdom
+44 (0)1922 707400
+44 (0)1922 646303 FAX
www.irsecurityandsafety.co.uk



Be sure to visit:

schlage.com

or contact an
IR Security & Safety Consultant at
1-877-840-3621

Security & Safety
Proven Source. Proven Solutions.™

Schlage Electronic Access Control

575 Birch Street
Forestville, CT 06010
866-322-1237 phone
866-322-1233 fax
www.irsecurityandsafety.com

An Ingersoll-Rand business

© 2004 Ingersoll-Rand Form LK-4017 Rev. 3/04 Printed in the U.S.A.